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Summary of Occupational Injuries and Illnesses In the Petroleum Industry

As Reported to the American Petroleum Institute, Covering Operations Subject to OSHA Recordkeeping Requirements Only for 1982

JUNE 1983

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

Summary of Occupational Injuries and Illnesses In the Petroleum Industry

As Reported to the American Petroleum Institute Covering Operations Subject to OSHA Recordkeeping Requirements Only for 1982

Statistics Department

JUNE 1983

American
Petroleum
Institute

PETROLEUM INDUSTRY OCCUPATIONAL INJURY AND ILLNESS EXPERIENCE FOR 1982

The 1982 annual API summary of occupational injuries and illnesses in the petroleum industry reports occupational injuries and illnesses recordable under Occupational Safety and Health Administration (OSHA) recordkeeping requirements. The survey shows incidence rates per 100 fulltime workers on the same basis as those reported by the Bureau of Labor Statistics.

This report is based on data collected by the API from 144 oil and gas companies employing over 494,000 persons with a work experience of more than 1,011 million hours. The Incidence Rate (i.e., total recordable cases per 100 fulltime workers) was found to be 3.48 for the year 1982 compared with 3.77 for 1981.

The Disabling Injury Frequency Rate (i.e., deaths plus cases involving days away from work) for the year 1982 averaged 6.44 per million hours compared with 6.58 for 1981. The ratio of workers to the number of disabling injuries during 1982 averaged 76 per injury as compared with 74 workers per injury in 1981. One death among petroleum workers was reported in 1982 for every 8,683 employees compared with one death for every 9,755 workers employed in 1981.

The total figures for each company are shown in the following tables under the "All Functions" heading. Each company is listed numerically by identification number throughout the tabulations. The key to this identification system is found at the end of the report. In the individual function lists, the companies are arranged according to magnitude of exposure hours.

Additional copies of this summary may be obtained by writing to the American Petroleum Institute, Publications & Distribution Section, 2101 L Street, N.W., Washington, D.C. 20037.

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1981
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY
REVISED

1	2	3	4	5				6					7		
				Recordable Cases				Extent and Outcome of Injury or Illness					Incidence Rates		
				a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.
								Lost Workday Cases							
Function	SIC	Number of Employees	Hours Worked Thousands	Injuries	Illnesses	Total	Fatalities	Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity	Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
Exploration & Production	1311	94,294	194,451	2,507	22	2,529	12	1,115	1,013	21,327	1,410	1,402	2.60	1.05	21.94
Gas Processing	1321	7,583	15,463	330	5	335	1	82	81	1,589	61	252	4.33	1.06	20.55
Drilling	1381	5,564	11,082	1,289	4	1,293	1	579	541	12,492	334	713	23.34	9.78	225.45
Chemicals	2800	59,483	124,177	3,084	65	3,149	2	1,370	916	20,971	7,381	1,777	5.07	1.48	33.78
Refining	2911	87,163	180,735	4,543	166	4,709	8	2,171	1,251	25,094	11,569	2,530	5.21	1.39	27.77
Marketing—Wholesale	5171	50,444	102,564	2,138	10	2,148	12	1,432	1,254	23,653	2,066	704	4.19	2.47	46.12
Marketing—Retail	5541	34,552	65,930	1,471	8	1,479	3	558	438	7,821	2,205	918	4.49	1.34	23.73
Pipeline—Crude and Products	4610	19,772	40,101	786	39	825	5	278	261	5,559	250	542	4.11	1.33	27.72
Pipeline—Gas	4922	17,753	39,533	965	22	987	4	281	244	10,325	333	702	4.99	1.25	52.23
Marine	4400	5,693	19,348	193	0	193	1	114	108	3,803	36	78	2.00	1.13	39.31
Research and Development		19,671	38,140	398	20	418	0	122	68	807	651	296	2.19	0.36	4.23
Engineering & Gen. Service		12,510	23,684	207	2	209	1	90	71	6,807	403	118	1.76	0.61	57.48
Miscellaneous		80,861	161,055	1,023	13	1,036	2	465	428	6,475	590	569	1.29	0.53	8.04
Combined Functions		11,913	22,490	286	5	291	0	122	108	6,644	252	169	2.59	0.96	59.08
TOTAL		507,256	1,038,753	19,220	381	19,601	52	8,779	6,782	153,367	27,541	10,770	3.77	1.32	29.53

ALL FUNCTIONS

39		13,554	25,267	452	0	452	4	147	147	2,992	0	301	3.58	1.20	23.68

MARKETING—WHOLESALE

39		4,430	8,120	50	0	50	1	30	30	684	0	19	1.23	0.76	16.85

PIPELINE—CRUDE & PRODUCTS

39		1,356	2,485	56	0	56	3	40	40	590	0	13	4.51	3.46	47.48

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1	2	3	4	5				6					7		
				Recordable Cases				Extent and Outcome of Injury or Illness					Incidence Rates		
				a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.
								Lost Workday Cases							
Function	SIC	Number of Employees	Hours Worked Thousands	Injuries	Illnesses	Total	Fatalities	Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity	Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
Exploration & Production	1311	91,472	188,775	2,413	26	2,439	14	1,092	960	19,271	1,632	1,333	2.58	1.03	20.42
Gas Processing	1321	8,628	18,325	346	4	350	2	93	85	1,533	170	255	3.82	0.95	16.73
Drilling	1381	6,081	13,589	1,283	2	1,285	3	571	533	14,012	435	711	18.91	7.89	206.23
Chemicals	2800	62,759	135,161	2,369	20	2,389	6	1,125	638	15,554	6,621	1,258	3.54	0.95	23.02
Refining	2911	83,776	165,971	3,899	147	4,046	8	1,838	1,241	27,091	6,672	2,200	4.88	1.51	32.65
Marketing—Wholesale	5171	41,634	89,326	1,510	5	1,515	5	1,074	992	16,309	1,217	436	3.39	2.23	36.52
Marketing—Retail	5541	36,124	67,454	1,429	3	1,432	6	688	550	9,372	1,565	738	4.25	1.65	27.79
Pipeline—Crude and Products	4610	18,351	36,523	699	22	721	3	291	281	4,673	106	427	3.95	1.56	25.59
Pipeline—Gas	4922	22,850	45,279	1,049	44	1,093	7	326	283	4,957	677	760	4.83	1.28	21.90
Marine	4400	4,308	19,318	231	3	234	1	130	126	4,501	57	103	2.42	1.31	46.60
Research and Development		17,841	33,840	340	11	351	0	99	67	786	725	252	2.07	0.40	4.65
Engineering & Gen. Service		11,962	21,640	164	1	165	0	80	60	1,221	309	85	1.52	0.55	11.28
Miscellaneous		74,808	148,603	932	6	938	1	423	356	5,153	1,068	514	1.26	0.48	6.94
Combined Functions		14,346	27,450	650	8	658	1	336	283	5,016	788	321	4.79	2.07	36.55
TOTAL		494,940	1,011,254	17,314	302	17,616	57	8,166	6,455	129,449	22,042	9,393	3.48	1.29	25.60

Incidence Rates (Column 7) are calculated as follows:

$$\text{Column 7(j)} = \frac{\text{Column 5(c)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(k)} = \frac{\text{Column 6(d)} + 6\text{(f)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(l)} = \frac{\text{Column 6(g)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

The following code will indicate the functions for which each company reported:

a—Exploration & Production
b—Gas Processing
c—Drilling
d—Chemicals
e—Refining
f—Marketing—Wholesale
g—Marketing—Retail
h—Pipeline—Crude and Products
i—Pipeline—Gas
j—Marine
k—Research and Development
l—Engineering & General Service
m—Miscellaneous

Co No	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS															
Total	494,940	1,011,254	17,314	302	17,616	57	8,166	6,455	129,449	22,042	9,393	3.48	1.29	25.60	
1	37	76	2	0	2	0	0	0	0	0	2	5.26	0	0	i
2	1,200	2,368	43	0	43	0	13	13	328	1	30	3.63	1.10	27.70	h
3	103	233	4	1	5	0	5	5	64	0	0	4.29	4.29	54.94	e
4	2,598	4,976	59	0	59	0	8	8	115	0	51	2.37	0.32	4.62	adefhlm
5	4	12	0	0	0	0	0	0	0	0	0	0	0	0	a
6	16,232	31,328	532	15	547	0	225	170	4,188	482	322	3.49	1.09	26.74	adefghjklm
7	25,252	56,673	659	8	667	3	328	320	7,802	300	336	2.35	1.14	27.53	abdefhjklm
8	78	145	0	0	0	0	0	0	0	0	0	0	0	0	acl
9	342	413	137	0	137	0	54	54	1,191	0	83	66.34	26.15	576.76	c
10	24	58	0	0	0	0	0	0	0	0	0	0	0	0	b
11	380	790	8	0	8	0	2	2	16	0	6	2.03	0.51	4.05	bim
12	356	753	3	0	3	0	2	2	187	0	1	0.80	0.53	49.67	a
13	88	107	6	0	6	0	0	0	0	0	6	11.21	0	0	b
14	198	412	6	0	6	0	0	0	0	0	6	2.91	0	0	abceflm
15	4,192	8,910	79	1	80	1	46	45	926	5	33	1.80	1.03	20.79	abdefhm
16	20,082	43,300	742	11	753	1	539	456	7,546	2,116	213	3.48	2.11	34.85	aefghm
17	12,453	23,845	341	15	356	1	150	113	1,389	546	205	2.99	0.96	11.65	abefghklm
18	315	658	63	0	63	0	46	41	761	45	17	19.15	12.46	231.31	e
19	58	109	6	0	6	0	2	2	7	0	4	11.01	3.67	12.84	f
20	738	1,548	8	0	8	0	1	1	22	0	7	1.03	0.13	2.84	h
21	1,688	3,194	81	0	81	1	32	32	357	0	48	5.07	2.07	22.35	i
22	299	638	8	0	8	0	3	2	62	1	5	2.51	0.63	19.44	im
23	3	7	0	0	0	0	0	0	0	0	0	0	0	0	a
24	20,590	41,304	279	4	283	0	136	52	1,050	1,083	147	1.37	0.25	5.08	abdefghjkm
25	25	48	1	0	1	0	1	1	4	0	0	4.17	4.17	16.67	h
26	367	671	9	0	9	0	8	8	29	30	1	2.68	2.38	8.64	a
27	67	129	31	1	32	0	5	5	301	0	27	49.61	7.75	466.67	em

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
28	1,383	2,877	161	10	171	0	91	91	2,385	0	80	11.89	6.33	165.80	aefgm
29	257	550	2	0	2	0	0	0	0	0	2	0.73	0	0	e
30	1,700	3,581	30	0	30	0	3	3	92	0	27	1.68	0.17	5.14	abdefhilm
31	648	1,450	38	0	38	0	8	8	333	10	30	5.24	1.10	45.93	abcehm
32	33	71	2	0	2	0	1	1	20	10	1	5.63	2.82	56.34	deflm
33	6,061	10,947	193	1	194	0	71	71	1,425	0	123	3.54	1.30	26.03	(im)
34	952	1,886	28	0	28	0	4	4	25	8	24	2.97	0.42	2.65	abm
35	150	376	3	0	3	0	1	1	5	0	2	1.60	0.53	2.66	h
36	1,174	2,191	6	1	7	0	4	3	52	66	3	0.64	0.27	4.75	klm
37	31,813	70,782	550	31	581	6	204	113	4,104	1,474	371	1.64	0.34	11.60	abefgijlm
38	1,826	2,939	35	0	35	0	3	3	10	0	32	2.38	0.20	0.68	m
39	921	1,743	12	1	13	0	3	3	116	0	10	1.49	0.34	13.31	h
40	4,063	7,589	42	1	43	0	22	7	375	175	21	1.13	0.18	9.88	klm
41	761	1,781	52	0	52	0	27	27	369	12	25	5.84	3.03	41.44	abei
42	50	90	7	0	7	0	1	1	7	0	6	15.56	2.22	15.56	e
43	10	20	0	0	0	0	0	0	0	0	0	0	0	0	m
44	12,401	26,470	390	3	393	2	144	144	5,089	0	247	2.97	1.10	38.45	abcdefghjl
45	236	500	7	0	7	0	1	0	0	25	6	2.80	0	0	a
46	29,529	58,509	931	1	932	3	374	302	5,292	517	555	3.19	1.04	18.09	abcdefhjklm
47	9	18	1	0	1	0	1	1	1	1	0	11.11	11.11	11.11	a
48	42	62	0	0	0	0	0	0	0	0	0	0	0	0	ab
49	33	66	8	0	8	0	1	1	77	0	7	24.24	3.03	233.33	im
50	112	278	24	3	27	0	27	27	749	0	0	19.42	19.42	538.85	e
51	229	577	33	2	35	0	14	13	92	3	21	12.13	4.51	31.89	ef
52	209	423	7	0	7	0	1	1	4	6	6	3.31	0.47	1.89	h
53	123	254	17	3	20	0	5	5	158	0	15	15.75	3.94	124.41	e
54	250	541	7	0	7	0	3	3	14	0	4	2.59	1.11	5.18	fgjm
55	445	817	107	0	107	0	63	62	2,455	1	44	26.19	15.18	600.98	c
56	15	33	4	0	4	0	2	2	151	28	2	24.24	12.12	915.15	ab
57	123	248	11	0	11	0	1	1	24	0	10	8.87	0.81	19.35	h
58	1,572	3,446	76	1	77	0	33	33	257	0	44	4.47	1.92	14.92	i
59	199	425	14	0	14	0	3	3	136	87	11	6.59	1.41	64.00	i
60	39	71	2	0	2	0	1	1	2	0	1	5.63	2.82	5.63	b
61	5,637	13,949	422	0	422	0	181	132	3,636	535	241	6.05	1.89	52.13	abcdefghkm
62	1,116	2,301	65	1	66	0	35	35	513	16	31	5.74	3.04	44.59	e
63	38	86	2	0	2	0	0	0	0	0	2	4.65	0	0	a
64	266	505	8	0	8	0	6	6	345	0	2	3.17	2.38	136.63	hlm
65	75	142	1	0	1	0	1	1	27	0	0	1.41	1.41	38.03	am

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
66	73	133	2	0	2	0	2	2	47	0	0	3.01	3.01	70.68	h
67	44	79	8	0	8	0	3	3	7	0	5	20.25	7.59	17.72	bil
68	4,274	8,498	397	0	397	0	140	68	1,114	798	257	9.34	1.60	26.22	gil
69	182	350	30	0	30	0	18	18	151	24	12	17.14	10.29	86.29	efhm
70	4,580	9,522	148	0	148	1	136	136	846	0	11	3.11	2.88	17.77	abcdefhim
71	9,280	18,203	431	1	432	0	244	225	3,507	167	188	4.75	2.47	38.53	aefghkm
72	90	193	2	0	2	0	1	1	24	0	1	2.07	1.04	24.87	e
73	900	1,757	148	2	150	0	68	64	1,073	33	82	17.07	7.29	122.14	(fglm)
74	160	604	104	0	104	0	45	45	762	0	59	34.44	14.90	252.32	c
75	902	1,781	35	0	35	0	7	7	42	0	28	3.93	0.79	4.72	a
76	45	78	2	0	2	0	2	2	5	0	0	5.13	5.13	12.82	b
77	134	258	2	0	2	0	2	2	8	0	0	1.55	1.55	6.20	h
78	39,393	81,896	820	2	822	2	487	456	7,935	742	333	2.01	1.12	19.38	adefghkm
79	2	4	0	0	0	0	0	0	0	0	0	0	0	0	b
80	417	804	1	0	1	0	0	0	0	0	1	0.25	0	0	ab
81	44	69	2	0	2	0	2	1	34	3	0	5.80	2.90	98.55	i
82	520	1,169	33	0	33	1	22	20	219	26	10	5.65	3.59	37.47	ail
83	922	2,034	35	0	35	0	21	3	6	127	14	3.44	0.29	0.59	aefm
84	507	897	22	0	22	0	12	12	249	5	10	4.91	2.68	55.52	aeh
85	815	1,442	35	0	35	0	11	10	269	144	24	4.85	1.39	37.31	(ai)
86	2,664	5,011	96	0	96	0	25	25	681	0	71	3.83	1.00	27.18	abcim
87	16	34	0	0	0	0	0	0	0	0	0	0	0	0	f
88	224	390	0	0	0	0	0	0	0	0	0	0	0	0	a
89	205	403	6	0	6	0	2	1	2	5	4	2.98	0.50	0.99	b
90	1,208	2,377	68	2	70	0	52	25	618	162	18	5.89	2.10	52.00	im
91	1,728	4,497	31	0	31	0	14	14	298	0	17	1.38	0.62	13.25	abci
92	12,371	29,341	350	4	354	4	222	198	4,598	202	128	2.41	1.38	31.34	adfk
93	137	285	15	0	15	0	8	8	65	0	7	10.53	5.61	45.61	h
94	2,569	4,911	137	0	137	0	25	21	656	242	112	5.58	0.86	26.72	m
95	92	147	1	0	1	0	0	0	0	0	1	1.36	0	0	e
96	3,710	7,065	166	18	184	0	47	47	842	170	137	5.21	1.33	23.84	i
97	22	44	2	0	2	0	1	1	12	0	1	9.09	4.55	54.55	b
98	5,714	12,765	266	0	266	0	153	141	2,247	109	113	4.17	2.21	35.21	aefghkm
99	1,453	2,638	105	2	107	0	105	105	1,525	0	2	8.11	7.96	115.62	m
100	80	168	10	0	10	0	6	3	48	20	4	11.90	3.57	57.14	m
101	20,761	43,182	738	32	770	5	381	101	2,153	2,643	384	3.57	0.49	9.97	(ab)deghjklm
102	302	557	2	1	3	0	0	0	0	0	3	1.08	0	0	h

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates			
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work	Function
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity					
ALL FUNCTIONS (continued)															
103	240	649	33	1	34	0	14	8	81	7	20	10.48	2.47	24.96	eg
104	96	175	4	0	4	0	4	4	13	0	0	4.57	4.57	14.86	hm
105	123	281	20	1	21	0	7	7	96	0	14	14.95	4.98	68.33	e
106	1,617	3,209	123	0	123	0	52	52	1,757	0	71	7.67	3.24	109.50	aekm
107	9	21	0	0	0	0	0	0	0	0	0	0	0	0	e
108	317	690	58	5	63	0	27	19	158	134	36	18.26	5.51	45.80	ehm
109	23	46	3	0	3	0	3	2	2	3	0	13.04	8.70	8.70	a
110	1,691	3,518	246	0	246	0	105	105	3,183	0	141	13.99	5.97	180.96	c
111	227	473	10	0	10	0	7	7	73	66	3	4.23	2.96	30.87	e
112	1,147	2,041	41	2	43	0	29	28	495	14	14	4.21	2.74	48.51	abm
113	3	6	0	0	0	0	0	0	0	0	0	0	0	0	m
114	34,432	67,356	580	12	592	2	273	169	4,160	1,991	317	1.76	0.51	12.35	abcdefghkm
115	226	455	22	0	22	0	12	12	215	20	10	9.67	5.27	94.51	e
116	13	10	0	0	0	0	0	0	0	0	0	0	0	0	a
117	306	715	10	0	10	0	1	1	2	0	9	2.80	0.28	0.56	a
118	39	78	8	0	8	0	4	4	23	0	4	20.51	10.26	58.97	e
119	1,793	3,566	49	0	49	2	6	6	85	0	41	2.75	0.45	4.77	i
120	394	906	11	0	11	0	7	7	52	0	4	2.43	1.55	11.48	h
121	244	481	17	0	17	0	5	5	91	11	12	7.07	2.08	37.84	befhm
122	156	324	16	0	16	0	4	4	63	0	12	9.88	2.47	38.89	efm
123	43,918	82,118	1,658	10	1,668	5	779	489	9,986	3,692	884	4.06	1.20	24.32	abdefhjkm
124	12,793	27,520	568	18	586	2	262	251	5,170	329	322	4.26	1.84	37.57	abefghjkm
125	10,951	21,194	544	5	549	4	320	240	3,545	1,217	225	5.18	2.30	33.45	abcdefghjm
126	30,503	64,709	1,199	36	1,235	5	470	283	4,297	936	760	3.82	0.89	13.28	acdefhjkm
127	522	1,038	30	3	33	0	15	14	202	30	18	6.36	2.70	38.92	e
128	5,540	8,523	357	0	357	0	54	54	1,092	0	303	8.38	1.27	25.62	aehilm
129	52	104	12	0	12	0	3	3	10	41	9	23.08	5.77	19.23	e
130	19	34	0	0	0	0	0	0	0	0	0	0	0	0	am
131	1,032	2,151	64	2	66	0	43	43	322	0	23	6.14	4.00	29.94	e
132	4,306	7,584	340	0	340	0	147	147	2,954	0	193	8.97	3.88	77.90	aefghlm
133	1,380	2,596	63	18	81	3	11	11	112	72	67	6.24	1.08	8.63	i
134	764	1,488	21	0	21	0	7	7	397	0	14	2.82	0.94	53.36	d
135	115	254	9	0	9	0	9	9	121	0	0	7.09	7.09	95.28	e
136	167	372	14	0	14	0	3	3	52	0	11	7.53	1.61	27.96	m
137	2,732	4,744	71	5	76	0	30	30	265	0	46	3.20	1.26	11.17	i
138	350	700	15	0	15	0	11	11	256	0	4	4.29	3.14	73.14	e
139	418	789	13	0	13	1	10	10	274	0	2	3.30	2.79	69.46	i
140	257	469	15	0	15	1	5	5	337	0	9	6.40	2.56	143.71	f
141	44	144	1	0	1	0	0	0	0	0	1	1.39	0	0	al
142	653	1,363	46	3	49	1	22	22	316	0	26	7.19	3.37	46.37	h
143	6,397	13,323	361	2	363	0	189	176	4,370	269	174	5.45	2.64	65.60	adefkl
144	122	152	7	0	7	0	6	1	94	5	1	9.21	1.32	123.68	l

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
EXPLORATION & PRODUCTION														
Total	91,472	188,775	2,413	26	2,439	14	1,092	960	19,271	1,632	1,333	2.58	1.03	20.42
123	9,010	14,548	139	0	139	2	47	47	1,419	0	90	1.91	0.67	19.51
37	8,733	18,141	143	0	143	3	30	23	560	53	110	1.58	0.29	6.17
114	7,675	15,131	162	3	165	0	68	43	994	537	97	2.18	0.57	13.14
78	7,291	15,700	171	0	171	0	89	86	1,826	40	82	2.18	1.10	23.26
126	7,231	15,820	396	7	403	0	112	98	2,224	353	291	5.09	1.24	28.12
46	5,888	11,275	108	0	108	1	56	5	393	25	51	1.92	0.11	6.97
16	5,312	12,988	167	0	167	0	110	108	1,396	51	57	2.57	1.66	21.50
124	4,631	9,262	125	3	128	0	65	63	541	240	63	2.76	1.36	11.68
7	4,340	11,187	109	1	110	1	51	47	1,688	46	58	1.97	0.86	30.18
125	4,206	8,161	78	5	83	3	54	54	1,524	0	26	2.03	1.40	37.35
44	4,049	7,971	79	0	79	1	11	11	674	0	67	1.98	0.30	16.91
24	3,336	6,815	54	0	54	0	22	8	103	141	32	1.58	0.23	3.02
71	3,292	6,708	166	0	166	0	102	102	1,780	0	64	4.95	3.04	53.07
17	2,952	6,067	64	5	69	0	29	29	388	0	40	2.27	0.96	12.79
70	2,277	4,736	43	0	43	1	42	42	258	0	0	1.82	1.82	10.90
98	1,485	4,400	60	0	60	0	31	31	524	0	29	2.73	1.41	23.82
92	920	2,036	8	0	8	1	6	6	67	0	1	0.79	0.69	6.58
75	902	1,781	35	0	35	0	7	7	42	0	28	3.93	0.79	4.72
15	728	1,543	16	0	16	0	7	7	144	0	9	2.07	0.91	18.66
61	717	1,631	38	0	38	0	27	23	351	20	11	4.66	2.82	43.04
112	611	1,096	36	2	38	0	27	26	464	14	11	6.93	4.74	84.67
34	564	1,151	8	0	8	0	1	1	13	8	7	1.39	0.17	2.26
106	459	972	53	0	53	0	21	21	808	0	32	10.91	4.32	166.26
80	383	737	1	0	1	0	0	0	0	0	1	0.27	0	0
4	380	743	3	0	3	0	1	1	18	0	2	0.81	0.27	4.85
82	370	819	31	0	31	1	21	19	194	26	9	7.57	4.88	47.37
26	367	671	9	0	9	0	8	8	29	30	1	2.68	2.38	8.64
12	356	753	3	0	3	0	2	2	187	0	1	0.80	0.53	49.67
117	306	715	10	0	10	0	1	1	2	0	9	2.80	0.28	0.56
6	304	586	6	0	6	0	2	2	14	0	4	2.05	0.68	4.78
128	254	259	0	0	0	0	0	0	0	0	0	0	0	0
45	236	500	7	0	7	0	1	0	0	25	6	2.80	0	0
28	233	485	31	0	31	0	15	15	216	0	16	12.78	6.19	89.07
88	224	390	0	0	0	0	0	0	0	0	0	0	0	0
30	215	453	8	0	8	0	2	2	61	0	6	3.53	0.88	26.93
86	183	344	0	0	0	0	0	0	0	0	0	0	0	0
143	180	390	14	0	14	0	10	10	158	0	4	7.18	5.13	81.03

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
EXPLORATION & PRODUCTION (continued)														
132	145	302	0	0	0	0	0	0	0	0	0	0	0	0
41	143	335	3	0	3	0	2	2	2	0	1	1.79	1.19	1.19
84	93	161	10	0	10	0	4	4	48	0	6	12.42	4.97	59.63
14	83	173	2	0	2	0	0	0	0	0	2	2.31	0	0
8	70	129	0	0	0	0	0	0	0	0	0	0	0	0
31	59	123	3	0	3	0	1	1	1	0	2	4.88	1.63	1.63
65	55	104	1	0	1	0	1	1	27	0	0	1.92	1.92	51.92
83	44	91	5	0	5	0	1	0	0	5	4	10.99	0	0
63	38	86	2	0	2	0	0	0	0	0	2	4.65	0	0
48	33	45	0	0	0	0	0	0	0	0	0	0	0	0
141	28	103	1	0	1	0	0	0	0	0	1	1.94	0	0
109	23	46	3	0	3	0	3	2	2	3	0	13.04	8.70	8.70
116	13	10	0	0	0	0	0	0	0	0	0	0	0	0
91	12	34	0	0	0	0	0	0	0	0	0	0	0	0
130	10	18	0	0	0	0	0	0	0	0	0	0	0	0
47	9	18	1	0	1	0	1	1	1	1	0	11.11	11.11	11.11
56	7	13	1	0	1	0	1	1	130	14	0	15.38	15.38	2,000.00
5	4	12	0	0	0	0	0	0	0	0	0	0	0	0
23	3	7	0	0	0	0	0	0	0	0	0	0	0	0

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
GAS PROCESSING														
Total	9,628	18,325	346	4	350	2	93	85	1,533	170	255	3.82	0.95	16.73
46	1,282	2,707	40	1	41	0	8	3	16	126	33	3.03	0.22	1.18
114	1,248	2,536	25	1	26	0	6	6	197	13	20	2.05	0.47	15.54
37	821	1,735	15	0	15	0	5	3	296	2	10	1.73	0.35	34.12
17	704	1,413	31	2	33	1	3	3	42	0	29	4.67	0.57	5.94
123	594	1,820	29	0	29	0	10	10	249	0	19	3.19	1.10	27.36
7	535	1,113	22	0	22	0	14	14	271	0	8	3.95	2.52	48.70
24	481	937	7	0	7	0	0	0	0	0	7	1.49	0	0
70	360	748	4	0	4	0	2	2	14	0	2	1.07	0.53	3.74
44	347	716	8	0	8	0	1	1	39	0	7	2.23	0.28	10.89
124	325	650	19	0	19	0	3	3	12	0	16	5.85	0.92	3.69
15	297	638	27	0	27	1	12	12	215	0	14	8.46	4.08	67.40
89	205	403	6	0	6	0	2	1	2	5	4	2.98	0.50	0.99
125	186	386	11	0	11	0	0	0	0	0	11	5.70	0	0
34	180	356	17	0	17	0	2	2	9	0	15	9.55	1.12	5.06
11	126	262	7	0	7	0	1	1	14	0	6	5.34	0.76	10.69
41	121	282	19	0	19	0	8	8	81	0	11	13.48	5.67	57.45
61	121	249	13	0	13	0	3	3	15	0	10	10.44	2.41	12.05
31	105	276	11	0	11	0	2	2	3	10	9	7.97	1.45	2.17
13	88	107	6	0	6	0	0	0	0	0	6	11.21	0	0
91	87	167	5	0	5	0	2	2	9	0	3	5.99	2.40	10.78
30	69	137	3	0	3	0	0	0	0	0	3	4.38	0	0
121	64	137	1	0	1	0	0	0	0	0	1	1.46	0	0
76	45	78	2	0	2	0	2	2	5	0	0	5.13	5.13	12.82
60	39	71	2	0	2	0	1	1	2	0	1	5.63	2.82	5.63
80	34	67	0	0	0	0	0	0	0	0	0	0	0	0
86	32	60	0	0	0	0	0	0	0	0	0	0	0	0
14	25	52	2	0	2	0	0	0	0	0	2	7.69	0	0
67	25	44	6	0	6	0	3	3	7	0	3	27.27	13.64	31.82
10	24	58	0	0	0	0	0	0	0	0	0	0	0	0
97	22	44	2	0	2	0	1	1	12	0	1	9.09	4.55	54.55
112	17	35	3	0	3	0	1	1	2	0	2	17.14	5.71	11.43
48	9	17	0	0	0	0	0	0	0	0	0	0	0	0
56	8	20	3	0	3	0	1	1	21	14	2	30.00	10.00	210.00
79	2	4	0	0	0	0	0	0	0	0	0	0	0	0

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REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
DRILLING														
Total	6,081	13,589	1,283	2	1,285	3	571	533	14,012	435	711	18.91	7.89	206.23
110	1,691	3,518	246	0	246	0	105	105	3,183	0	141	13.99	5.97	180.96
114	893	1,775	74	1	75	1	45	26	814	199	29	8.45	3.04	91.72
126	707	1,380	103	1	104	0	63	60	718	25	41	15.07	8.70	104.06
125	690	1,312	158	0	158	1	85	85	717	0	72	24.09	13.11	109.30
61	659	2,468	200	0	200	0	62	52	1,708	25	138	16.21	4.21	138.41
55	445	817	107	0	107	0	63	62	2,455	1	44	26.19	15.18	600.98
9	342	413	137	0	137	0	54	54	1,191	0	83	66.34	26.15	576.76
74	160	604	104	0	104	0	45	45	762	0	59	34.44	14.90	252.32
46	153	345	56	0	56	0	23	18	179	185	33	32.46	10.43	103.77
44	115	489	75	0	75	1	15	15	2,117	0	59	30.67	6.54	865.85
31	91	189	15	0	15	0	3	3	120	0	12	15.87	3.17	126.98
70	65	135	8	0	8	0	8	8	48	0	0	11.85	11.85	71.11
91	29	61	0	0	0	0	0	0	0	0	0	0	0	0
14	26	54	0	0	0	0	0	0	0	0	0	0	0	0
86	10	19	0	0	0	0	0	0	0	0	0	0	0	0
8	5	10	0	0	0	0	0	0	0	0	0	0	0	0
CHEMICALS														
Total	62,759	135,161	2,369	20	2,389	6	1,125	638	15,554	6,621	1,258	3.54	0.95	23.02
78	11,928	25,762	217	0	217	1	94	83	1,751	295	122	1.68	0.65	13.59
123	10,937	22,546	770	3	773	2	330	133	3,874	2,922	441	6.86	1.20	34.37
92	9,422	22,357	185	4	189	3	79	55	1,556	190	107	1.69	0.52	13.92
114	4,459	8,554	74	0	74	0	37	8	202	572	37	1.73	0.19	4.72
7	4,394	9,839	204	0	204	0	116	114	2,691	199	88	4.15	2.32	54.70
46	3,614	8,407	144	0	144	0	86	78	1,174	46	58	3.43	1.86	27.93
101	3,266	6,795	166	4	170	0	87	19	408	487	83	5.00	0.56	12.01
6	3,212	6,372	117	5	122	0	44	13	318	225	78	3.83	0.41	9.98
143	2,467	5,131	172	1	173	0	79	70	1,560	219	94	6.74	2.73	60.81
61	2,213	5,532	118	0	118	0	71	37	1,294	489	47	4.27	1.34	46.78
126	2,162	4,420	27	3	30	0	9	8	110	59	21	1.36	0.36	4.98
24	1,788	3,572	31	0	31	0	17	1	55	295	14	1.74	0.06	3.08
125	1,076	2,157	79	0	79	0	60	3	75	623	19	7.32	0.28	6.95
134	764	1,488	21	0	21	0	7	7	397	0	14	2.82	0.94	53.36
4	388	728	24	0	24	0	2	2	31	0	22	6.59	0.55	8.52
15	304	716	3	0	3	0	1	1	22	0	2	0.84	0.28	6.15
44	293	637	10	0	10	0	0	0	0	0	10	3.14	0	0
70	45	93	6	0	6	0	6	6	36	0	0	12.90	12.90	77.42
30	25	50	1	0	1	0	0	0	0	0	1	4.00	0	0
32	2	5	0	0	0	0	0	0	0	0	0	0	0	0

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
REFINING														
Total	83,776	165,971	3,899	147	4,046	8	1,838	1,241	27,091	6,672	2,200	4.88	1.51	32.65
126	8,090	14,870	464	20	484	5	203	36	625	279	276	6.51	0.55	8.41
37	7,598	15,803	124	29	153	1	17	9	1,055	386	135	1.94	0.13	13.35
114	7,084	13,938	112	0	112	1	43	21	847	418	68	1.61	0.32	12.15
123	6,871	10,529	270	7	277	0	123	56	997	513	154	5.26	1.06	18.94
16	6,066	12,214	244	7	251	0	149	103	1,860	1,295	102	4.11	1.69	30.46
78	5,933	12,155	180	2	182	1	137	126	2,407	372	44	2.99	2.09	39.61
46	5,272	10,453	214	0	214	0	43	43	1,021	0	171	4.09	0.82	19.54
7	3,727	7,808	123	1	124	0	25	25	750	6	99	3.18	0.64	19.21
124	3,387	6,991	251	13	264	0	64	56	1,657	56	200	7.55	1.60	47.40
101	3,193	6,652	200	21	221	0	140	23	650	1,145	81	6.64	0.69	19.54
17	2,408	4,917	83	5	88	0	39	2	38	546	49	3.58	0.08	1.55
24	2,104	4,187	74	3	77	0	34	9	92	351	43	3.68	0.43	4.39
6	2,019	4,318	112	4	116	0	59	53	1,210	62	57	5.37	2.45	56.04
143	2,019	4,200	159	1	160	0	90	86	2,512	50	70	7.62	4.10	119.62
71	1,899	3,393	92	1	93	0	45	32	704	57	48	5.48	1.89	41.50
98	1,482	2,955	80	0	80	0	59	55	922	21	21	5.41	3.72	62.40
44	1,405	3,157	90	0	90	0	18	18	283	0	72	5.70	1.14	17.93
62	1,116	2,301	65	1	66	0	35	35	513	16	31	5.74	3.04	44.59
131	1,032	2,151	64	2	66	0	43	43	322	0	23	6.14	4.00	29.94
15	1,021	2,214	24	1	25	0	19	18	479	5	6	2.26	1.63	43.27
4	1,013	1,854	21	0	21	0	2	2	43	0	19	2.27	0.22	4.64
61	951	2,006	37	0	37	0	14	13	249	1	23	3.69	1.30	24.83
106	732	1,418	70	0	70	0	31	31	949	0	39	9.87	4.37	133.85
132	700	1,456	95	0	95	0	43	43	1,037	0	52	13.05	5.91	142.45
125	588	1,223	34	0	34	0	26	3	170	592	8	5.56	0.49	27.80
127	522	1,038	30	3	33	0	15	14	202	30	18	6.36	2.70	38.92
28	480	998	71	10	81	0	46	46	1,489	0	35	16.23	9.22	298.40
41	433	1,041	29	0	29	0	17	17	286	12	12	5.57	3.27	54.95
83	421	952	25	0	25	0	17	0	0	117	8	5.25	0	0
84	382	677	10	0	10	0	6	6	180	5	4	2.95	1.77	53.18
138	350	700	15	0	15	0	11	11	256	0	4	4.29	3.14	73.14
18	315	658	63	0	63	0	46	41	761	45	17	19.15	12.46	231.31
128	265	548	30	0	30	0	8	8	144	0	22	10.95	2.92	52.55
29	257	550	2	0	2	0	0	0	0	0	2	0.73	0	0
111	227	473	10	0	10	0	7	7	73	66	3	4.23	2.96	30.87
115	226	455	22	0	22	0	12	12	215	20	10	9.67	5.27	94.51
51	196	507	32	2	34	0	14	13	92	3	20	13.41	5.13	36.29

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
REFINING (continued)														
108	186	420	53	4	57	0	25	18	123	130	32	27.14	8.57	58.57
31	166	390	5	0	5	0	0	0	0	0	5	2.56	0	0
103	150	311	14	1	15	0	10	4	21	7	5	9.65	2.57	13.50
69	138	262	29	0	29	0	17	17	149	24	12	22.14	12.98	113.74
30	130	260	1	0	1	0	0	0	0	0	1	0.77	0	0
53	123	254	17	3	20	0	5	5	158	0	15	15.75	3.94	124.41
105	123	281	20	1	21	0	7	7	96	0	14	14.95	4.98	68.33
135	115	254	9	0	9	0	9	9	121	0	0	7.09	7.09	95.28
50	112	278	24	3	27	0	27	27	749	0	0	19.42	19.42	538.85
3	103	233	4	1	5	0	5	5	64	0	0	4.29	4.29	54.94
95	92	147	1	0	1	0	0	0	0	0	1	1.36	0	0
121	92	184	10	0	10	0	1	1	2	1	9	10.87	1.09	2.17
72	90	193	2	0	2	0	1	1	24	0	1	2.07	1.04	24.87
122	81	164	14	0	14	0	2	2	57	0	12	17.07	2.44	69.51
70	58	120	16	0	16	0	16	16	96	0	0	26.67	26.67	160.00
129	52	104	12	0	12	0	3	3	10	41	9	23.08	5.77	19.23
42	50	90	7	0	7	0	1	1	7	0	6	15.56	2.22	15.56
27	49	95	30	1	31	0	5	5	301	0	26	65.26	10.53	633.68
118	39	78	8	0	8	0	4	4	23	0	4	20.51	10.26	58.97
14	26	54	2	0	2	0	0	0	0	0	2	7.41	0	0
107	9	21	0	0	0	0	0	0	0	0	0	0	0	0
32	8	18	0	0	0	0	0	0	0	0	0	0	0	0

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MARKETING—WHOLESALE														
Total	41,634	89,326	1,510	5	1,515	5	1,074	992	16,309	1,217	436	3.39	2.23	36.52
78	7,778	15,590	140	0	140	0	116	114	1,438	4	24	1.80	1.46	18.45
37	4,542	11,358	89	0	89	0	64	31	822	568	25	1.57	0.55	14.47
126	4,450	10,300	98	1	99	0	48	47	331	159	51	1.92	0.91	6.43
46	3,575	7,095	126	0	126	2	82	82	998	0	42	3.55	2.37	28.13
114	3,459	6,937	47	0	47	0	37	37	898	8	10	1.36	1.07	25.89
16	2,800	5,822	150	2	152	0	130	123	1,939	122	22	5.22	4.23	66.61
123	2,688	6,595	202	0	202	1	144	143	1,638	13	57	6.13	4.37	49.67
7	1,923	4,000	40	0	40	0	36	36	701	22	4	2.00	1.80	35.05
6	1,733	3,450	70	1	71	0	22	15	509	47	49	4.12	0.87	29.51
92	1,726	4,287	135	0	135	0	131	131	2,948	0	4	6.30	6.11	137.53
24	1,436	2,873	43	0	43	0	22	5	148	130	21	2.99	0.35	10.30
98	882	1,646	50	0	50	0	30	27	549	83	20	6.08	3.28	66.71
124	730	1,518	67	1	68	1	54	54	709	0	13	8.96	7.25	93.41
44	708	1,385	14	0	14	0	13	13	444	0	1	2.02	1.88	64.12
71	699	1,334	108	0	108	0	72	66	878	36	36	16.19	9.90	131.63
17	595	1,248	29	0	29	0	20	20	190	0	9	4.65	3.21	30.45
140	257	469	15	0	15	1	5	5	337	0	9	6.40	2.56	143.71
28	249	518	37	0	37	0	21	21	528	0	16	14.29	8.11	203.86
4	228	512	3	0	3	0	1	1	8	0	2	1.17	0.39	3.13
143	171	356	9	0	9	0	6	6	52	0	3	5.06	3.37	29.21
15	166	382	1	0	1	0	1	1	2	0	0	0.52	0.52	1.05
83	135	294	3	0	3	0	1	1	3	0	2	2.04	0.68	2.04
144	122	152	7	0	7	0	6	1	94	5	1	9.21	1.32	123.68
61	117	251	5	0	5	0	1	1	10	0	4	3.98	0.80	7.97
30	103	212	1	0	1	0	0	0	0	0	1	0.94	0	0
125	75	157	0	0	0	0	0	0	0	0	0	0	0	0
19	58	109	6	0	6	0	2	2	7	0	4	11.01	3.67	12.84
121	36	56	5	0	5	0	4	4	89	10	1	17.86	14.29	317.86
122	35	86	2	0	2	0	2	2	6	0	0	4.65	4.65	13.95
54	34	73	4	0	4	0	2	2	13	0	2	10.96	5.48	35.62
51	33	70	1	0	1	0	0	0	0	0	1	2.86	0	0
70	26	54	1	0	1	0	0	0	0	0	1	3.70	0	0
132	23	48	0	0	0	0	0	0	0	0	0	0	0	0
87	16	34	0	0	0	0	0	0	0	0	0	0	0	0
14	10	21	0	0	0	0	0	0	0	0	0	0	0	0
32	9	19	2	0	2	0	1	1	20	10	1	21.05	10.53	210.53
69	7	15	0	0	0	0	0	0	0	0	0	0	0	0

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MARKETING—RETAIL														
Total	36,124	67,454	1,429	3	1,432	6	688	550	9,372	1,565	738	4.25	1.65	27.79
37	5,326	9,749	119	2	121	2	66	25	424	369	53	2.48	0.55	8.70
6	4,696	7,997	151	1	152	0	68	62	1,532	25	84	3.80	1.55	38.31
24	4,441	8,860	25	0	25	0	20	11	515	136	5	0.56	0.25	11.63
125	3,746	6,972	183	0	183	0	94	94	999	2	89	5.25	2.70	28.66
44	3,396	6,643	56	0	56	0	34	34	310	0	22	1.69	1.02	9.33
132	2,766	4,380	229	0	229	0	102	102	1,906	0	127	10.46	4.66	87.03
68	2,434	4,811	297	0	297	0	95	45	656	560	202	12.35	1.87	27.27
17	2,349	3,384	91	0	91	0	47	47	585	0	44	5.38	2.78	34.57
16	2,226	4,629	119	0	119	0	100	91	1,973	272	19	5.14	3.93	85.25
101	1,912	3,976	55	0	55	3	22	6	76	129	30	2.77	0.45	3.82
124	1,489	3,096	15	0	15	1	6	6	56	0	8	0.97	0.45	3.62
98	320	619	22	0	22	0	10	5	89	5	12	7.11	1.62	28.76
61	233	534	2	0	2	0	0	0	0	0	2	0.75	0	0
54	167	365	3	0	3	0	1	1	1	0	2	1.64	0.55	0.55
28	150	312	21	0	21	0	8	8	102	0	13	13.46	5.13	65.38
78	145	354	7	0	7	0	6	4	76	20	1	3.95	2.26	42.94
71	142	236	15	0	15	0	5	5	12	47	10	12.71	4.24	10.17
114	96	199	0	0	0	0	0	0	0	0	0	0	0	0
103	90	338	19	0	19	0	4	4	60	0	15	11.24	2.37	35.50
PIPELINE—CRUDE & PRODUCTS														
Total	18,351	36,523	699	22	721	3	291	281	4,673	106	427	3.95	1.56	25.59
78	1,411	2,896	45	0	45	0	24	24	259	0	21	3.11	1.66	17.89
44	1,313	2,836	50	3	53	0	46	46	1,047	0	7	3.74	3.24	73.84
114	1,239	2,409	19	5	24	0	6	6	65	2	18	1.99	0.50	5.40
2	1,200	2,368	43	0	43	0	13	13	328	1	30	3.63	1.10	27.70
7	1,190	2,428	49	6	55	0	19	19	144	0	36	4.53	1.57	11.86
6	1,140	1,365	28	1	29	0	15	15	181	0	14	4.25	2.20	26.52
35	921	1,743	12	1	13	0	3	3	116	0	10	1.49	0.34	13.31
123	919	1,539	30	0	30	0	8	7	171	5	22	3.90	0.91	22.22
101	774	1,608	28	0	28	1	6	3	34	7	21	3.48	0.50	4.23
20	738	1,548	8	0	8	0	1	1	22	0	7	1.03	0.13	2.84
126	730	1,580	39	0	39	0	6	5	159	5	33	4.94	0.63	20.13
142	653	1,363	46	3	49	1	22	22	316	0	26	7.19	3.37	46.37

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Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
PIPELINE & CRUDE PRODUCTS														
46	562	1,180	10	0	10	0	4	4	75	0	6	1.69	0.68	12.71
124	540	1,080	16	0	16	0	7	6	404	33	9	2.96	1.11	74.81
128	496	1,076	50	0	50	0	1	1	15	0	49	9.29	0.19	2.79
24	427	854	3	0	3	0	1	0	0	15	2	0.70	0	0
120	394	906	11	0	11	0	7	7	52	0	4	2.43	1.55	11.48
71	388	911	23	0	23	0	9	9	118	0	14	5.05	1.98	25.91
16	383	796	10	0	10	1	6	3	6	32	3	2.51	1.01	1.51
70	367	763	39	0	39	0	36	36	216	0	3	10.22	9.44	56.62
102	302	557	2	1	3	0	0	0	0	0	3	1.08	0	0
98	270	572	42	0	42	0	18	18	152	0	24	14.69	6.29	53.15
52	209	423	7	0	7	0	1	1	4	6	6	3.31	0.47	1.89
17	206	408	13	2	15	0	0	0	0	0	15	7.35	0	0
64	202	395	8	0	8	0	6	6	345	0	2	4.05	3.04	174.68
132	170	354	14	0	14	0	2	2	11	0	12	7.91	1.13	6.21
35	150	376	3	0	3	0	1	1	5	0	2	1.60	0.53	2.66
93	137	285	15	0	15	0	8	8	65	0	7	10.53	5.61	45.61
15	135	297	1	0	1	0	0	0	0	0	1	0.67	0	0
77	134	258	2	0	2	0	2	2	8	0	0	1.55	1.55	6.20
57	123	248	11	0	11	0	1	1	24	0	10	8.87	0.81	19.35
4	103	262	5	0	5	0	0	0	0	0	5	3.82	0	0
30	74	146	1	0	1	0	0	0	0	0	1	1.37	0	0
66	73	133	2	0	2	0	2	2	47	0	0	3.01	3.01	70.68
61	66	122	4	0	4	0	1	1	3	0	3	6.56	1.64	4.92
31	64	133	2	0	2	0	1	1	208	0	1	3.01	1.50	312.78
104	62	115	4	0	4	0	4	4	13	0	0	6.96	6.96	22.61
84	32	59	2	0	2	0	2	2	21	0	0	6.78	6.78	71.19
25	25	48	1	0	1	0	1	1	4	0	0	4.17	4.17	16.67
108	14	34	1	0	1	0	1	1	35	0	0	5.88	5.88	205.88
125	10	37	0	0	0	0	0	0	0	0	0	0	0	0
69	3	6	0	0	0	0	0	0	0	0	0	0	0	0
121	2	6	0	0	0	0	0	0	0	0	0	0	0	0

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			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
PIPELINE—GAS														
Total	22,850	45,279	1,049	44	1,093	7	326	283	4,957	677	760	4.83	1.28	21.90
96	3,710	7,065	166	18	184	0	47	47	842	170	137	5.21	1.33	23.84
137	2,732	4,744	71	5	76	0	30	30	265	0	46	3.20	1.26	11.17
128	2,513	4,750	212	0	212	0	15	15	289	0	197	8.93	0.63	12.17
119	1,793	3,566	49	0	49	2	6	6	85	0	41	2.75	0.45	4.77
86	1,730	3,254	84	0	84	0	20	20	648	0	64	5.16	1.23	39.83
21	1,688	3,194	81	0	81	1	32	32	357	0	48	5.07	2.07	22.35
91	1,600	4,235	26	0	26	0	12	12	289	0	14	1.23	0.57	13.65
58	1,572	3,446	76	1	77	0	33	33	257	0	44	4.47	1.92	14.92
133	1,380	2,596	63	18	81	3	11	11	112	72	67	6.24	1.08	8.63
70	1,011	2,102	27	0	27	0	22	22	154	0	5	2.57	2.09	14.65
68	845	1,747	75	0	75	0	26	11	401	183	49	8.59	1.26	45.91
90	831	1,643	62	2	64	0	50	24	617	161	14	7.79	2.92	75.11
139	418	789	13	0	13	1	10	10	274	0	2	3.30	2.79	69.46
22	203	440	8	0	8	0	3	2	62	1	5	3.64	0.91	28.18
59	199	425	14	0	14	0	3	3	136	87	11	6.59	1.41	64.00
11	194	403	1	0	1	0	1	1	2	0	0	0.50	0.50	0.99
30	131	268	4	0	4	0	1	1	31	0	3	2.99	0.75	23.13
37	66	136	0	0	0	0	0	0	0	0	0	0	0	0
41	64	123	1	0	1	0	0	0	0	0	1	1.63	0	0
82	45	122	2	0	2	0	1	1	25	0	1	3.28	1.64	40.98
81	44	69	2	0	2	0	2	1	34	3	0	5.80	2.90	98.55
1	37	76	2	0	2	0	0	0	0	0	2	5.26	0	0
49	28	56	8	0	8	0	1	1	77	0	7	28.57	3.57	275.00
67	16	30	2	0	2	0	0	0	0	0	2	13.33	0	0
MARINE														
Total	4,308	19,318	231	3	234	1	130	126	4,501	57	103	2.42	1.31	46.60
37	1,157	6,468	48	0	48	0	16	16	740	26	32	1.48	0.49	22.88
24	862	1,775	3	0	3	0	1	1	26	0	2	0.34	0.11	2.93
7	817	3,331	39	0	39	1	36	36	1,420	0	2	2.34	2.22	85.26
124	637	2,775	53	0	53	0	53	53	1,611	0	0	3.82	3.82	116.11
6	346	1,527	27	3	30	0	11	7	375	31	19	3.93	0.92	49.12
126	131	274	4	0	4	0	3	3	8	0	1	2.92	2.19	5.84
46	126	1,358	43	0	43	0	0	0	0	0	43	6.33	0	0
44	111	1,337	5	0	5	0	3	3	171	0	2	0.75	0.45	25.58
123	90	430	8	0	8	0	6	6	90	0	2	3.72	2.79	41.86
101	18	4	0	0	0	0	0	0	0	0	0	0	0	0
54	10	22	0	0	0	0	0	0	0	0	0	0	0	0
125	3	17	1	0	1	0	1	1	60	0	0	11.76	11.76	705.88

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COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
RESEARCH & DEVELOPMENT														
Total	17,841	33,840	340	11	351	0	99	67	786	725	252	2.07	0.40	4.65
123	2,526	4,181	38	0	38	0	13	5	142	110	25	1.82	0.24	6.79
114	2,228	4,105	48	2	50	0	17	8	60	226	33	2.44	0.39	2.92
78	1,978	3,722	24	0	24	0	9	7	81	11	15	1.29	0.38	4.35
46	1,700	3,400	41	0	41	0	12	9	105	135	29	2.41	0.53	6.18
7	1,518	2,894	27	0	27	0	7	7	47	0	20	1.87	0.48	3.25
40	1,363	2,545	12	0	12	0	3	2	47	4	9	0.94	0.16	3.69
126	1,352	2,717	41	4	45	0	8	8	29	12	37	3.31	0.59	2.13
101	1,271	2,645	40	2	42	0	11	4	64	144	31	3.18	0.30	4.84
24	1,066	2,133	11	1	12	0	2	1	32	5	10	1.13	0.09	3.00
36	838	1,569	6	1	7	0	4	3	52	66	3	0.89	0.38	6.63
71	366	633	6	0	6	0	2	2	3	0	4	1.90	0.63	0.95
124	334	696	3	1	4	0	1	1	4	0	3	1.15	0.29	1.15
92	303	661	22	0	22	0	6	6	27	12	16	6.66	1.82	8.17
17	281	491	3	0	3	0	1	1	86	0	2	1.22	0.41	35.03
143	233	485	3	0	3	0	0	0	0	0	3	1.24	0	0
6	223	455	6	0	6	0	0	0	0	0	6	2.64	0	0
61	151	306	3	0	3	0	1	1	1	0	2	1.96	0.65	0.65
98	80	144	6	0	6	0	2	2	6	0	4	8.33	2.78	8.33
106	30	58	0	0	0	0	0	0	0	0	0	0	0	0

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
ENGINEERING & GENERAL SERVICES														
Total	11,962	21,640	164	1	165	0	80	60	1,221	309	85	1.52	0.55	11.28
128	1,943	1,787	61	0	61	0	29	29	641	0	32	6.83	3.25	71.74
40	1,800	3,364	25	1	26	0	15	2	201	164	11	1.55	0.12	11.95
17	1,367	2,735	18	0	18	0	7	7	31	0	11	1.32	0.51	2.27
143	1,327	2,761	4	0	4	0	4	4	88	0	0	0.29	0.29	6.37
7	1,216	2,529	2	0	2	0	0	0	0	0	2	0.16	0	0
68	995	1,940	25	0	25	0	19	12	57	55	6	2.58	1.24	5.88
101	908	1,888	4	0	4	0	0	0	0	0	4	0.42	0	0
44	664	1,299	3	0	3	0	3	3	4	0	0	0.46	0.46	0.62
4	458	823	0	0	0	0	0	0	0	0	0	0	0	0
37	445	906	4	0	4	0	2	2	153	0	2	0.88	0.44	33.77
6	274	507	8	0	8	0	1	1	46	90	7	3.16	0.39	18.15
36	189	354	0	0	0	0	0	0	0	0	0	0	0	0
30	131	310	9	0	9	0	0	0	0	0	9	5.81	0	0
82	105	228	0	0	0	0	0	0	0	0	0	0	0	0
46	53	29	0	0	0	0	0	0	0	0	0	0	0	0
132	39	81	1	0	1	0	0	0	0	0	1	2.47	0	0
64	18	30	0	0	0	0	0	0	0	0	0	0	0	0
141	16	41	0	0	0	0	0	0	0	0	0	0	0	0
14	4	9	0	0	0	0	0	0	0	0	0	0	0	0
32	4	8	0	0	0	0	0	0	0	0	0	0	0	0
8	3	6	0	0	0	0	0	0	0	0	0	0	0	0
67	3	5	0	0	0	0	0	0	0	0	0	0	0	0

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MISCELLANEOUS														
Total	74,808	148,603	932	6	938	1	423	356	5,153	1,068	514	1.26	0.48	6.94
123	10,283	19,930	172	0	172	0	98	82	1,406	129	74	1.73	0.82	14.11
46	7,304	12,260	149	0	149	0	60	60	1,331	0	89	2.43	0.98	21.71
114	6,051	11,772	19	0	19	0	14	14	83	16	5	0.32	0.24	1.41
126	5,650	13,348	27	0	27	0	18	18	93	44	9	0.40	0.27	1.39
7	5,592	11,544	44	0	44	1	24	22	90	27	19	0.76	0.40	1.56
24	4,649	9,298	28	0	28	0	17	16	79	10	11	0.60	0.34	1.70
101	4,302	8,948	76	2	78	0	34	13	197	120	44	1.74	0.29	4.40
16	3,295	6,851	52	2	54	0	44	28	372	344	10	1.58	0.82	10.86
37	3,125	6,486	8	0	8	0	4	4	54	70	4	0.25	0.12	1.67
78	2,929	5,717	36	0	36	0	12	12	97	0	24	1.26	0.42	3.39
94	2,569	4,911	137	0	137	0	25	21	656	242	112	5.58	0.86	26.72
71	2,494	4,988	21	0	21	0	9	9	12	27	12	0.84	0.36	0.48
6	2,285	4,751	7	0	7	0	3	2	3	2	4	0.29	0.08	0.13
38	1,826	2,939	35	0	35	0	3	3	10	0	32	2.38	0.20	0.68
17	1,591	3,182	9	1	10	0	4	4	29	0	6	0.63	0.25	1.82
15	1,541	3,120	7	0	7	0	6	6	64	0	1	0.45	0.38	4.10
98	1,195	2,429	6	0	6	0	3	3	5	0	3	0.49	0.25	0.41
40	900	1,680	5	0	5	0	4	3	127	7	1	0.60	0.36	15.12
30	822	1,745	2	0	2	0	0	0	0	0	2	0.23	0	0
124	720	1,452	19	0	19	0	9	9	176	0	10	2.62	1.24	24.24
86	709	1,334	12	0	12	0	5	5	33	0	7	1.80	0.75	4.95
112	519	910	2	0	2	0	1	1	29	0	1	0.44	0.22	6.37
132	463	963	1	0	1	0	0	0	0	0	1	0.21	0	0
61	409	850	2	0	2	0	1	1	5	0	1	0.47	0.24	1.18
106	396	761	0	0	0	0	0	0	0	0	0	0	0	0
90	377	734	6	0	6	0	2	1	1	1	4	1.63	0.27	0.27
70	371	771	4	0	4	0	4	4	24	0	0	1.04	1.04	6.23
125	371	772	0	0	0	0	0	0	0	0	0	0	0	0
83	322	697	2	0	2	0	2	2	3	5	0	0.57	0.57	0.86
28	271	564	1	0	1	0	1	1	50	0	0	0.35	0.35	17.73
34	208	379	3	0	3	0	1	1	3	0	2	1.58	0.53	1.58
136	167	372	14	0	14	0	3	3	52	0	11	7.53	1.61	27.96
31	163	339	2	0	2	0	1	1	1	0	1	1.18	0.59	0.59
36	147	268	0	0	0	0	0	0	0	0	0	0	0	0
108	117	236	4	1	5	0	1	0	0	4	4	4.24	0	0
22	96	198	0	0	0	0	0	0	0	0	0	0	0	0
100	80	168	10	0	10	0	6	3	48	20	4	11.90	3.57	57.14

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR 1982
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

Co. No.	Number of Employees	Hours Worked (Thousands)	Recordable Cases			Extent and Outcome of Injuries and Illnesses						Incidence Rates		
			Injuries	Illnesses	Total	Fatalities	Lost Workday Cases				Non-Fatal Cases Without Lost Workdays	Total Cases	Fatalities Plus Cases With Days Away From Work	Lost Workday—Days Away From Work
							Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity				
MISCELLANEOUS (continued)														
128	69	103	4	0	4	0	1	1	3	0	3	7.77	1.94	5.83
11	60	125	0	0	0	0	0	0	0	0	0	0	0	0
121	50	98	1	0	1	0	0	0	0	0	1	2.04	0	0
64	46	80	0	0	0	0	0	0	0	0	0	0	0	0
122	40	74	0	0	0	0	0	0	0	0	0	0	0	0
54	39	81	0	0	0	0	0	0	0	0	0	0	0	0
69	34	67	1	0	1	0	1	1	2	0	0	2.99	2.99	5.97
104	34	60	0	0	0	0	0	0	0	0	0	0	0	0
4	28	54	3	0	3	0	2	2	15	0	1	11.11	7.41	55.56
14	24	49	0	0	0	0	0	0	0	0	0	0	0	0
65	20	38	0	0	0	0	0	0	0	0	0	0	0	0
27	18	34	1	0	1	0	0	0	0	0	1	5.88	0	0
32	10	21	0	0	0	0	0	0	0	0	0	0	0	0
43	10	20	0	0	0	0	0	0	0	0	0	0	0	0
130	9	16	0	0	0	0	0	0	0	0	0	0	0	0
49	5	10	0	0	0	0	0	0	0	0	0	0	0	0
113	3	6	0	0	0	0	0	0	0	0	0	0	0	0

LIST OF RESPONDENTS

1. Alabama—Tennessee Natural Gas Co.
2. Alyeska Pipeline Service Co.
3. Amber Refining, Inc.
4. American Petrofina, Inc.
5. Armour Properties
6. Ashland Oil, Inc.
7. Atlantic Richfield Company
8. Belco Petroleum Corp.
9. Bow Valley Petroleum Inc.
10. Breckenridge Gasoline Company
11. Cabot Corporation—Gas Process & Pipeline
12. Cabot Corporation—Oil & Gas Div.
13. California Gas Corporation
14. Celeron Oil & Gas Company
15. Champlin Petroleum Co.
16. Chevron U.S.A. Inc.
17. Cities Service Company
18. Clark Oil & Refining Corporation
19. Coastal Oil Company
20. Colonial Pipeline Company
21. Colorado Interstate Gas Company
22. Columbia LNG Corporation
23. Condor Operating Company
24. Conoco Inc.
25. Cook Inlet Pipeline Company
26. Cotton Petroleum Corporation
27. Cross Oil & Refining Company
28. Crown Central Petroleum Corporation
29. Delta Refining Company
30. Diamond Shamrock Corporation
31. Dorchester Gas Corporation
32. Eddy Refining Company
33. El Paso Natural Gas Company
34. Ensearch Exploration, Inc.
35. Explorer Pipeline Company
36. Exxon Chemical Company
37. Exxon Company U.S.A.
38. Exxon Corporation
39. Exxon Pipeline Company
40. Exxon Research & Engineering Co.
41. Farmland Industries, Inc.
42. Flying J Petroleum Company
43. Fogelson, E.E.
44. Getty Oil Company
45. Goldking Production Co.
46. Gulf Oil Corporation
47. Hellman Estate
48. Hewit & Dougherty
49. Home Petroleum Corporation
50. Hudson Refining Co., Inc.
51. Hunt Oil Company
52. Hydrocarbon Transportation, Inc.
53. Indiana Farm Bureau Coop. Assn., Inc.
54. J. D. Street & Co., Inc.
55. J. W. Gibson Well Service Co.
56. J-O'B Operating Company
57. Kaneb Pipe Line Company
58. Kansas-Nebraska Natural Gas Co., Inc.
59. Kansas Power & Light Co., The
60. Kentucky Hydrocarbon Company
61. Kerr-McGee Corporation
62. Koch Refining Company
63. Lake Ronel Oil Company
64. Lakehead Pipe Line Co., Inc.
65. Lario Oil & Gas Company
66. Laural Pipe Line Company
67. Lomita Gasoline Company
68. Lone Star Gas Company
69. Macmillan Ring-Free Oil Co., Inc.
70. Mapco Inc.
71. Marathon Oil Company
72. Marion Corporation
73. Meenan Oil Company, Inc.
74. Mercury Drilling Company
75. Mesa Petroleum Company
76. MGPC, Inc.
77. Mid Valley Pipeline Company
78. Mobil Oil Corporation
79. Modular Inc.
80. Monsanto Oil Company
81. Mountain Fuel Resources, Inc.
82. Mountain Fuel Supply Company
83. Murphy Oil Corporation
84. National Cooperative Refinery Assn.
85. National Fuel Gas Supply Corp.
86. Natural Gas Pipeline Co. of America
87. Newell Oil Company, Inc.
88. Nortex Gas & Oil Company
89. Northern Gas Products Company
90. Northwest Central Pipeline Corp.
91. Northwest Pipeline Corporation
92. Occidental Petroleum Corporation
93. Ohio Oil Gathering Corporation
94. Oklahoma Natural Gas Company
95. Pacific Refining Company
96. Panhandle Eastern Pipe Line Co.
97. Parade Company, The
98. Pennzoil Company
99. Peoples Natural Gas Company
100. Petrounited
101. Phillip Petroleum Company
102. Plantation Pipe Line Corporation
103. Plateau, Inc.
104. Portland Pipe Line Corporation
105. Pride Refining Inc.
106. Quaker State Oil Refining Corp.
107. Quitman Refining Company
108. Rock Island Refining Corporation
109. Rocket Oil Company
110. Rowan Companies, Inc.
111. Saber Refining Company
112. Santa Fe Energy Company
113. Sentry Refining, Inc.
114. Shell Oil Company
115. Sinclair Oil Corporation
116. Snyder Exploration Company
117. Sonat Exploration Company
118. South Hampton Refining Company
119. Southern Natural Gas Company
120. Southern Pacific Pipe Lines, Inc.
121. Southern Union Refining Company
122. Southland Oil Company
123. Standard Oil Company (Indiana)
124. Sun Company, Inc.

125. Tenneco Oil Company
126. Texaco Inc.
127. Texas City Refining, Inc.
128. Texas Eastern Transmission Corp.
129. Texas Oil & Chemical Terminal
130. Texfel Petroleum Corporation
131. Tosco Corporation
132. Total Petroleum, Inc.
133. Trunkline Gas Company
134. U.S. Industrial Chemicals Co.
135. U.S. Oil Refining Company
136. Union Gas System, Inc.
137. United Gas Pipe Line Company
138. United Refining Company
139. United Texas Transmission Company
140. UPG, Inc.
141. Wexpro Company
142. Williams Pipe Line Company
143. Witco Chemical Corporation
144. Wyatt, Inc.

INSTRUCTIONS FOR COMPLETING REPORT OF OCCUPATIONAL ILLNESSES AND INJURIES

FUNCTION AND SIC—COLUMNS 1 AND 2

All employees regardless of classification, whose time is charged to a specific function should be reported under that function in accordance with the definitions listed below. Data should not be combined for two or more functions if it is possible to subdivide the data into individual functional totals.

Standard Industrial Classifications are taken from Standard Industrial Classification Manual—1972 issued by the Statistical Policy Division, Office of Management and Budget. Available from U.S. Government Printing Office, Stock Number, 041-001-00066-6.

EXPLORATION AND PRODUCTION—SIC 1311

Geophysical, seismographic, and geological operations, including administrative work incidental thereto. Producing operations, both onshore and offshore, including maintenance and servicing of production properties and transportation of crews and materials.

GAS PROCESSING—SIC 1321

Processing of gas to produce liquid hydrocarbons such as ethane, liquefied petroleum gases and natural gasoline.

DRILLING—SIC 1381

Operation of drilling rigs, both onshore and offshore, including transportation of equipment, rigging up, and dismantling of equipment. By definition, SIC 1381 includes only drilling for others on a contract fee, or similar basis, however, it is used here to also include drilling rigs operated by oil company employees as well.

CHEMICALS—SIC 2800

Chemical operations which are a functional part of the reporting company but are under separate management from refining. Also includes producing and basic chemical establishments manufacturing products by predominantly chemical processes.

REFINING—SIC 2911

Refining of crude oil to produce gasoline, kerosine, distillate fuel oils, residual fuel oils and other products from crude petroleum. Production and processing of petroleum chemicals where such processing is an integral part of the refining operations and is under the same functional management is also included.

MARKETING—WHOLESALE—SIC 5171

Bulk distribution of petroleum products, including truck and transsport deliveries and administrative activities thereto. Bulk distribution of tires, batteries, and accessories is also included.

MARKETING—RETAIL—SIC 5541

Retail service state operations, including driveway sales, service, station maintenance and road service operations. Retail service stations may also sell other merchandise, provide car wash services and perform minor repair work.

PIPELINE—CRUDE AND PRODUCTS—SIC 4610

Operations incidental to gathering systems and trunk line transportation of crude oil and to transportation via pipeline of refined and semi-refined products including pipeline station operations.

PIPELINE—GAS—SIC 4922

Gas gathering and trunk line operations of natural gas transmission lines up to the point of retail distribution.

MARINE—SIC 4400

Ocean and coastwise tankship operations, including inland water tankship and barge operations, and land based marine department operations.

RESEARCH AND DEVELOPMENT—SIC N/A

Research laboratory and development operations.

ENGINEERING AND GENERAL SERVICES—SIC N/A

Include all engineering activities—such as mechanical, electrical, and civil engineering activities which are not included in respective functional totals. Also include the following operations: Communications, automotive, and general building operations and maintenance.

MISCELLANEOUS—SIC N/A

Include administrative and service departments—such as law, controller, medical, public affairs, employee relations, aviation, and executive activities—if they are not included in the respective functional totals.

TOTAL COMPANY PETROLEUM OPERATIONS—SIC N/A

Include only manhours and occupational injuries and illnesses which occurred in petroleum operations as defined above.

NOE: SIC N/A—No SIC applicable to function or functions in Column 1.

NUMBER OF EMPLOYEES—COLUMN 3

Average number of full time employees (or equivalent) during the reporting year.

HOURS WORKED—COLUMN 4

If possible, report the total number of hours actually worked by all employees during the reporting year including overtime worked. Do not include any non-work time even though paid such as vacations, holidays, sick leave, etc. The hours worked figure should be obtained from payroll or other time records whenever possible. If necessary to estimate hours worked, give considerations to actual working schedules. For salaried employees working 40 hours per week, a monthly figure of 173.3 hours per employee may be used.

For marine operations include all hours and all injuries and occupational illnesses incurred by all employees aboard vessels including standby employees, and seamen aboard vessels who are restricted to the confines of the employer's premises.

RECORDABLE CASES—COLUMN 5

Recordable occupational injuries and illnesses are any cases which involve:

1. Occupational Fatalities (deaths) regardless of the length of time between injury and death, or the length of the illness; or
2. Occupational Illnesses; or
3. Occupational Injuries which result in one or more of the following: loss of consciousness, restriction of work or motion, transfer to another job, or medical treatment (other than first aid).

EXTENT AND OUTCOME OF INJURY OR ILLNESS—COLUMN 6

Each recordable case must be classified as to extent and outcome as follows:

Column 6(d) Fatality—A fatality resulting from an occupational injury or illness should be charged to the year in which the injury occurred or the illness was diagnosed as an occupational illness.

Column 6(e) Lost Workday Cases—All cases which involve days away from work or days of restricted activity, or both, should be shown in Column 6(f).

Column 6(f) Lost Workday Cases—Unable to Work—All cases which result in the employee being unable to work should be shown in Column 6(f).

Column 6(g) Number of Days Away From Work—Enter the total number of workdays (consecutive or not) on which the employees involved in cases entered in Column 6(f) would have worked but did not because of occupational injury and illness.

Column 6(h) Number of Days of Restricted Activity—Enter the total number of workdays (consecutive or not) on which the employees involved in cases entered in Column 6(e) were (1) assigned to a temporary job; (2) worked at a permanent job less than full time or (3) worked at a permanently assigned job but were unable to perform all duties normally assigned to it.

The number of lost workdays should not include the day of injury or any days which the employee was not scheduled to work.

Column 6(i) Non-Fatal Cases Without Lost Workdays—Enter the total number of recordable cases which do not involve a fatality or lost workdays.

Column 6(i) = Column 5(c) less [Column 6(d) + Column 6(e)]

INCIDENCE RATES—COLUMN 7

All incidence rates recorded in Column 7 are calculated as follows:

$$\text{Incidence Rates} = \frac{\text{Number of Injuries and/or Illnesses} \times 200{,}000}{\text{Total Hours Worked During the Year}}$$

200,000 = base for 100 full time equivalent employees.

$$\text{Column 7(j)} = \frac{\text{Column 5(c)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(k)} = \frac{\text{Column 6(d) + Column 6(f)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

$$\text{Column 7(l)} = \frac{\text{Column 6(g)} \times 200{,}000}{\text{Column 4} \times 1{,}000}$$

American Petroleum Institute
2101 L Street, Northwest
Washington, D.C. 20037

REPORT OF OCCUPATIONAL INJURIES AND ILLNESSES FOR THE YEAR _____
COVERING OPERATIONS SUBJECT TO OSHA RECORDKEEPING REQUIREMENTS ONLY

1	2	3	4	5			6						7		
				Recordable Cases			Extent and Outcome of Injury or Illness						Incidence Rates		
				a.	b.	c.	d.	e.	f.	g.	h.	i.	j.	k.	l.
									Lost Workday Cases						
Function	SIC	Number of Employees	Hours Worked (Thousands)	Injuries	Illnesses	Total	Fatalities	Total Cases	Cases Involving Days Away From Work	Number of Days Away From Work	Number of Days of Restricted Activity	Non-Fatal Cases Without Lost Workdays	Total Cases	6d. plus 6f. Work	Lost Work-day-Days Away From
Exploration & Production	1311														
Gas Processing	1321														
Drilling	1381														
Chemicals	2800														
Refining	2911														
Marketing—Wholesale	5171														
Marketing—Retail	5541														
Pipeline-Crude and Products	4610														
Pipeline-Gas	4922														
Marine	4400														
Research and Development															
Engineering & Gen. Service															
Miscellaneous															
Combined Functions															
Total															

NOTE:

The data contained in this report is submitted with the understanding that it may be listed in the Annual Summary to show, by name, the company from which it was received.

SEND TO:

Statistics Section
Statistics Department
American Petroleum Institute
2101 L Street, N.W.
Washington, D.C. 20037

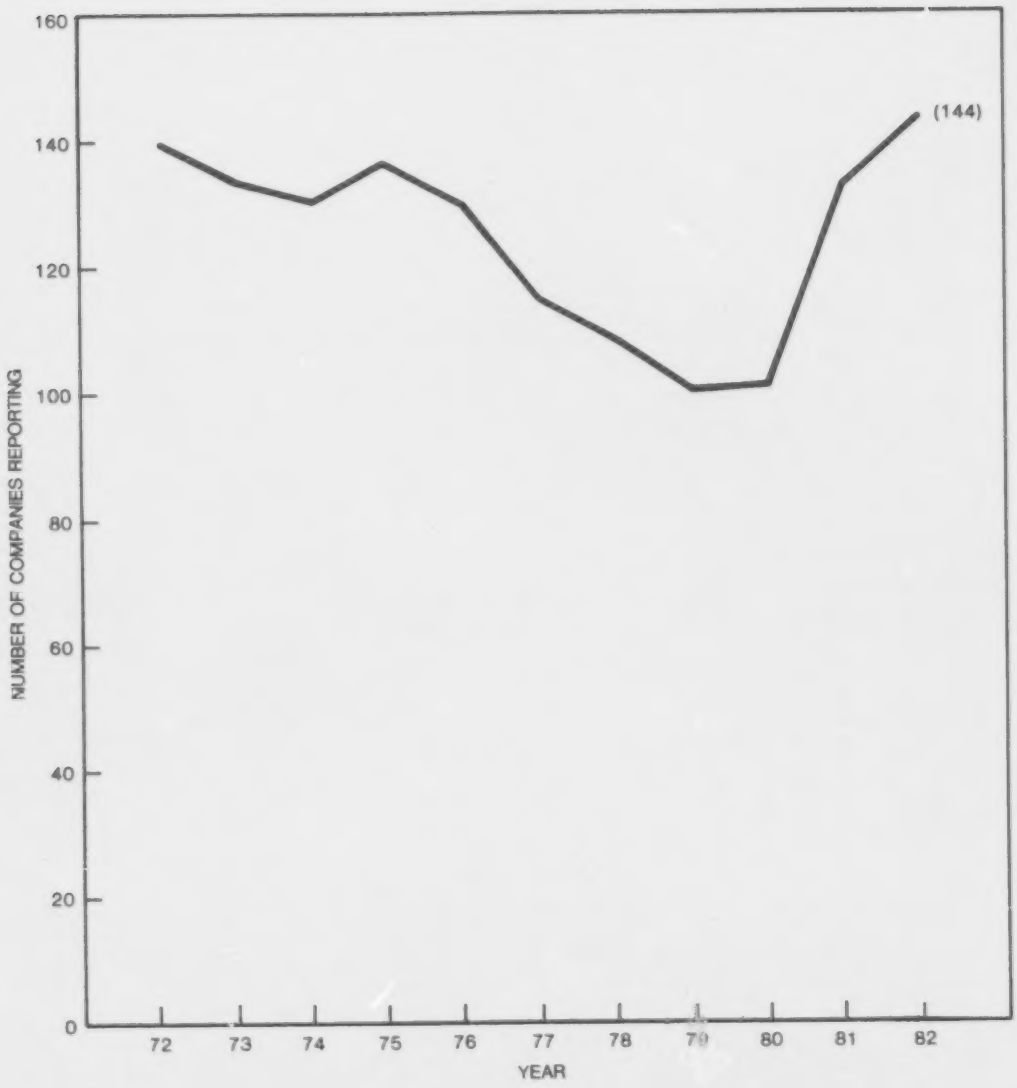
Company _____

Street or Box No. _____

City _____ State _____ Zip _____

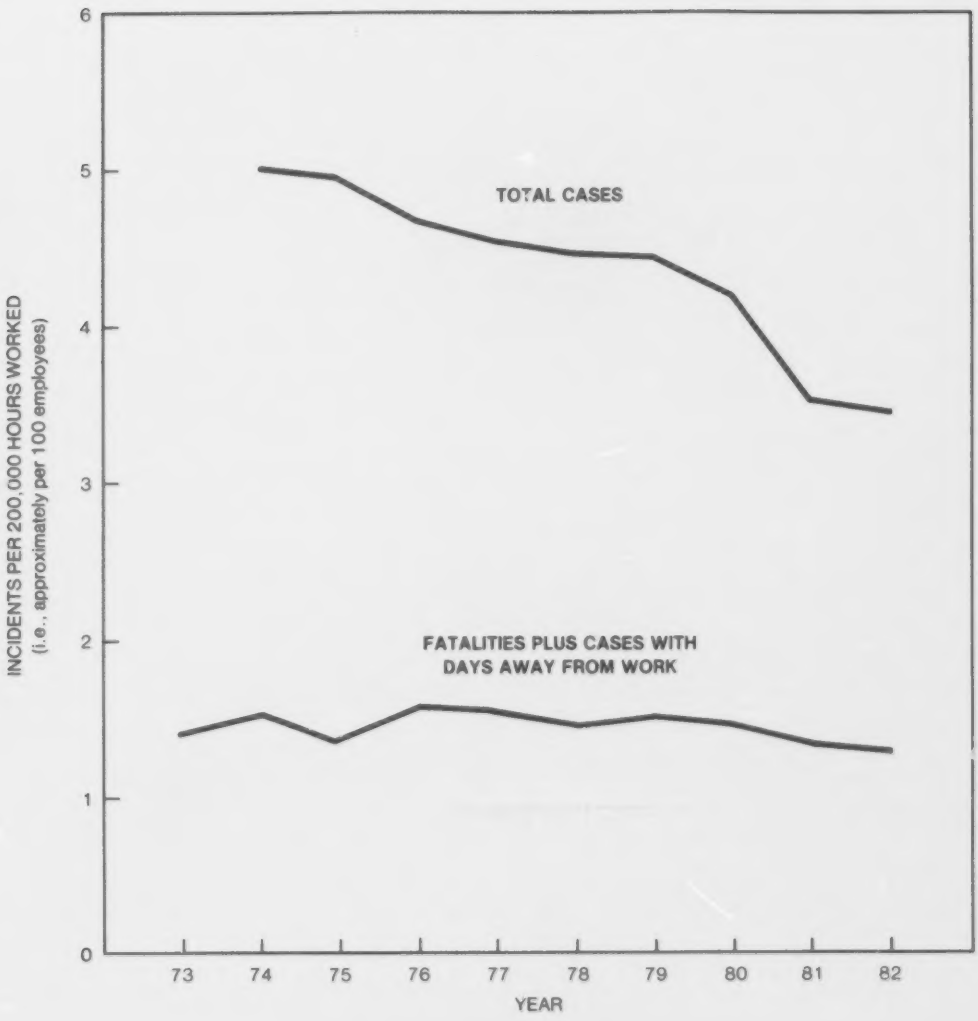
By (Full Name—Please type)

1-2000-6.83-BC



Company Participation in API Occupational Injury & Illness Data Collection

NOTE: To facilitate comparisons, the scale for this curve is the same as that used for the participation curves in the other three fire and safety reports.



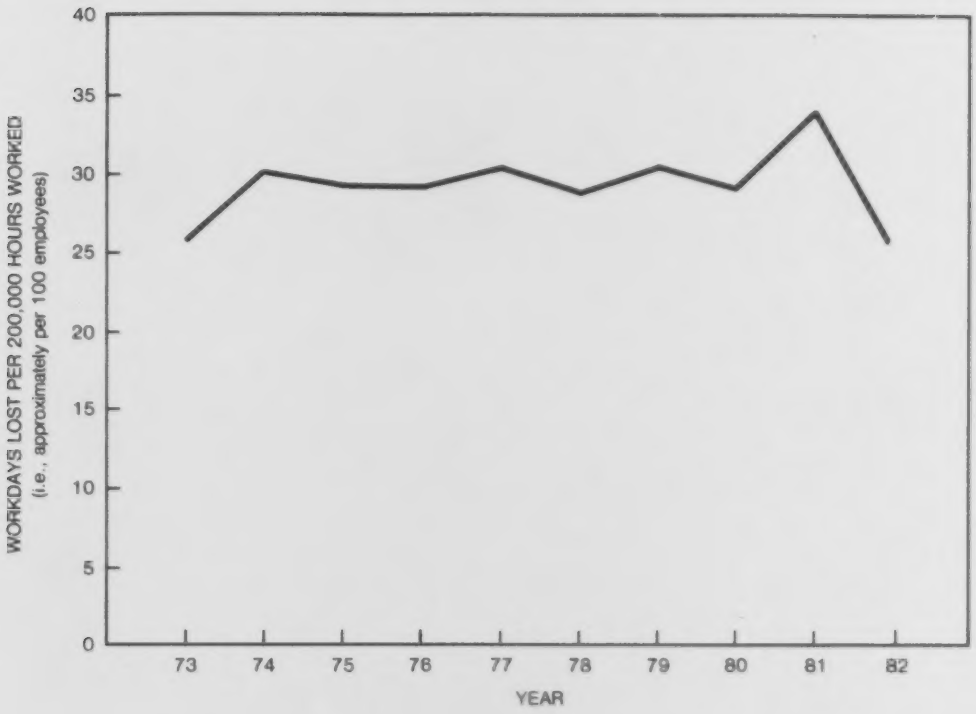
Injury and Illness Incidence Rates

NOTES: 200,000 hours worked is the equivalent of 100 employees working 2000 hours per year.

A "case" is an occupational injury, illness or fatality that is OSHA recordable. Typically, about 98% of the "cases" are injuries and fatalities, with only 2% being illnesses.

The industry has a steadily declining incidence rate, with a 30% drop over the last decade.

Consistent data are not available prior to 1974 for total cases and prior to 1973 for fatalities and cases involving days away from work.



Rate of Workdays Lost

NOTES: 200,000 hours worked is the equivalent of 100 employees working 2000 hours per year.
Consistent data are not available prior to 1973.